

Application Software Development Tool Selection Criteria

CRITERIA	RANK	OT	MX	CS
DESIGN DEVELOPMENT				
Supports object-oriented design and code paradigms				
Provides a graphical interface for design development				
Pre-defined symbol library is available				
Supports user-defined symbols for objects, attributes and relationships				
DESIGN EDITING				
Icon-accessible cut/copy/paste functions are available				
Automatic or user-defined sizing of objects and symbols				
Provides for grouping / ungrouping of objects				
REQUIREMENTS DOCUMENTATION / MAPPING				
Supports requirements mapping and tracking				
Interfaces to Microsoft Word				
Supports attaching requirements to design objects				
CODE GENERATION				
Provides code generation for all or selection objects				
Can generate external definition (e.g. .h) files				
Supports inclusion of externally developed code and libraries				
Can generate code not containing vendor proprietary libraries or functions				
Supports code reuse in a fashion that will reduce maintenance				
Code source format can be customized				
CODE DEBUG				
Provides an interactive debug facility				
Supports module level development and test				

[illegible]

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